



0 315 392
A3

EUROPEAN PATENT APPLICATION

⑤ Int. Cl.⁵: G11B 7/24

② Date of filing: 31.10.88

**(71) Applicant: ENERGY CONVERSION DEVICES,
INC.
1675 West Maple Road
Troy Michigan 48084(US)**

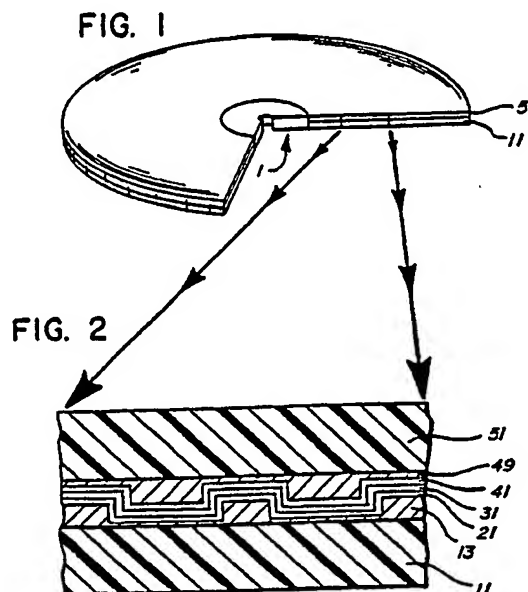
(72) Inventor: Strand, David
2091 Daintree
West Bloomfield Michigan 48033(US)
Inventor: Gasiorowski, Paul
13849 Heritage
Sterling Heights Michigan 48077(US)

74 Representative: Jackson, Peter Arthur et al
Gill Jennings & Every 53-64 Chancery Lane
GB-London WC2A 1HN(GB)

⑧ Date of deferred publication of the search report:
12.09.90 Bulletin 90/37

(54) Data storage device having an encapsulated phase change memory medium and means for suppressing ablation thereof.

(57) An optical data storage device (1) having an encapsulated optical data storage medium (31). The optical data storage medium (31) is subject to ablation both within the medium and at its interface with the encapsulant (21), and is provided with ablation suppressing means.



EP 0 315 392 A3



European Patent
Office

EUROPEAN SEARCH REPORT

Application Number

EP 88 31 0212

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. CL4)
X	EP-A-24136 (XEROX CORPORATION) * page 4, lines 14 - 24; claims 7-10 *	1	G11B7/24
A	---	9-10	
A	FR-A-2435780 (SUMIMOTO CHEMICAL COMPANY, LTD ET AL.) * claims 1, 7 *	1	
A	---		
A	EP-A-174658 (MATSUSHITA ELECTRIC INDUSTRIAL CO., LTD) * claims 1-7 *	5-13	

			TECHNICAL FIELDS SEARCHED (Int. CL4)
			G11B
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 06 JULY 1990	Examiner MINI A.E.
CATEGORY OF CITED DOCUMENTS			
X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application I : document cited for other reasons & : member of the same patent family, corresponding document	

I

EPO FORM 1503 CL42 (P0401)